Index of Claims

| Ap | plication/Control | No. |
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|    |                   |     |

Applicant(s)/Patent under Reexamination

10/670,937 Examiner CLARK, JAMES R.

Christopher P. Schwartz

3683

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| Cla  | aim      |              |                 |          | Dat               | te       |                 |                 |          |      | Cla  | im       |           |          | J        | Date   |          |          |                 |       | CI    | aim        |          |                 |          |          | Date     | •        | •        |          |          |
|--|----------|--------------|-----------------|----------|-------------------|----------|-----------------|-----------------|----------|------|--|----------|-----------|----------|----------|--|----------|----------|-----------------|-------|-------|------------|----------|-----------------|----------|----------|----------|----------|----------|----------|----------|
| _  | <u>a</u> | ۵.           |                 |          |                   |          |                 |                 |          |      | _  | <u>a</u> |           |          |          |  |          |          |                 |       | _     | व          |          |                 |          |          |          |          |          |          |          |
| Final  | Original | 2/2/05       |                 |          |                   |          |                 |                 |          |      | Final  | Original |           |          |          |  |          |          |                 |       | Final | Original   |          |                 |          |          |          |          |          |          |          |
| "  | ō        | 12           |                 |          |                   |          |                 |                 |          |      | "  | Ö        |           | - [      |          | 1  |          |          |                 |       | II.   | Ōri        |          |                 |          |          |          |          |          |          |          |
| -  | 1        | 6            | H               |          |                   | ╁        | H               | Н               |          |      | <del></del>                                      | 51       | $\dashv$  |          | +-       | $\vdash$   |          | -        | Н               |       |       | 101        | H        | Н               |          | $\vdash$ |          | -        | $\dashv$ | $\dashv$ | _        |
| <del> </del>                                     | 2        | 7            | $\vdash$        | -        | -1-               | ╁╴       | -               | $\vdash$        |          |      | <del></del>                                      | 52       | $\dashv$  | $\dashv$ | +        | $\vdash$   | +        |          | Н               |       |       | 101        | ⊢        | Н               |          |          |          | Н        | -        | $\dashv$ | $\dashv$ |
| -  | 3        | v            |                 | $\dashv$ | +                 | +        | $\vdash$        | H               | $\dashv$ |      | $\vdash$   | 53       | +         |          | +        | -  | +        | +        | Н               |       | -     | 103        | ┢        | Н               |          | -        |          | -        | -        | $\dashv$ | $\dashv$ |
|  | 4        | V            | H               | $\dashv$ | $\top$            | †        |                 |                 |          |      |  | 54       | $\dashv$  | _        | +        |  | $\top$   | +        | Н               |       |       | 104        | $\vdash$ | Н               |          |          |          |          |          | $\dashv$ | -        |
|  | 5        |              |                 | 1        |                   | 1        |                 | П               |          |      |  | 55       | $\exists$ |          | 1        |  | $\top$   | 1        | Н               |       |       | 105        | $\vdash$ |                 |          |          | _        |          |          | 寸        | $\dashv$ |
|  | 6        |              |                 |          |                   |          |                 |                 |          |      |  | 56       |           |          | 1        | $\Box$   |          | $\top$   | П               |       |       | 106        | _        | H               |          |          |          |          |          | 一        | ヿ        |
|  | 7        | 2            |                 |          |                   |          |                 |                 |          |      |  | 57       |           |          |          |  |          |          |                 |       |       | 107        |          |                 |          |          |          |          |          |          |          |
|  | 8        | 2            |                 |          |                   | _        |                 |                 |          |      |  | 58       |           |          |          |  |          |          |                 |       |       | 108        |          |                 |          |          |          |          |          |          |          |
|  | 9        | <u>ار</u>    |                 | $\perp$  | _                 | 1        |                 | Ш               | _        |      |  | 59       | 4         | _ _      | _        | Ш  |          |          |                 |       |       | 109        |          |                 |          |          |          |          |          | $\Box$   |          |
|  | 10       | <del> </del> |                 | _        | $\perp$           | ₽-       | $\vdash$        | $\sqcup$        | _        |      |  | 60       | _         | $\perp$  | +        |  | _ _      | 4_       | $\sqcup$        |       |       | 110        | _        | Ш               | Ш        | Ш        |          | Ш        | ot       | _        |          |
| <u> </u>   | 11       | -            | <del>  </del>   | $\dashv$ | -                 | $\vdash$ | $\vdash$        | $\vdash \vdash$ | _        |      |  | 61       | $\dashv$  | _        | _        |  | +        | +        | $\vdash$        |       |       | 111        | <u> </u> | Ш               | Ш        |          |          | $\Box$   | $\dashv$ | _        | _        |
|  | 12<br>13 | V            | $\vdash \dashv$ |          | +-                | +        | $\vdash$        | $\vdash$        | $\dashv$ |      | $\vdash$   | 62<br>63 | $\dashv$  | +        | +        | $\vdash \vdash$                                  | +        | -        | $\vdash$        |       |       | 112        | $\vdash$ | Н               | $\vdash$ | _        |          | $\vdash$ | $\dashv$ | -        | _        |
|  | 14       | V            | $\vdash$        | +        | +                 | +        | -               | $\vdash \vdash$ | $\dashv$ |      | $\vdash$   | 64       | -+        | +        | +        | $\vdash$   |          | +-       | $\vdash\vdash$  |       |       | 113<br>114 | $\vdash$ | $\vdash$        | $\vdash$ | $\dashv$ |          | $\vdash$ |          | $\dashv$ | $\dashv$ |
| <del> </del>                                     | 15       | -            |                 | $\dashv$ | +                 | +        | $\vdash$        | $\vdash \vdash$ | 一        |      | <del>                                     </del> | 65       | -         | +        | +        | <del>                                     </del> | +        | +        | $\vdash$        |       |       | 115        | $\vdash$ | -               | $\vdash$ | $\vdash$ | -        |          | $\dashv$ | -        | ᅱ        |
|  | 16       | J            | $\vdash$        | $\dashv$ | +                 |          |                 | $\vdash \vdash$ | ᅱ        |      | $\vdash$   | 66       | $\dashv$  | +        | -        | $\vdash$   | +        | +-       | $\vdash$        |       |       | 116        | $\vdash$ | Н               | $\vdash$ | $\dashv$ | -        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 17       | $\vdash$     | $\vdash$        | 7        |                   |          |                 | -               | $\dashv$ |      |  | 67       | -+        | +        | +        | $\vdash$   | +        | +        | Н               |       |       | 117        | $\vdash$ | $\vdash$        | $\vdash$ | $\vdash$ | _        | $\vdash$ |          | $\dashv$ | ㅓ        |
|  | 18       |              |                 |          |                   | T        |                 | H               | 目        |      |  | 68       | $\dashv$  |          | 1        |  | _        | $\vdash$ | $\vdash$        |       |       | 118        |          |                 | Н        |          |          | $\vdash$ | _        | $\dashv$ | ᅥ        |
|  | 19       |              |                 |          |                   |          |                 |                 | $\neg$   |      |  | 69       |           |          | 1        |  | $\neg$   | $\top$   | П               |       |       | 119        |          |                 |          |          |          |          | _        | $\dashv$ | ᅥ        |
|  | 20       |              |                 |          |                   |          |                 |                 |          |      |  | 70       |           |          |          |  |          |          | П               |       |       | 120        |          |                 |          |          |          |          | T        | T        | ヿ        |
|  | 21       |              |                 |          |                   |          |                 |                 |          |      |  | 71       |           |          |          |  |          |          |                 |       |       | 121        |          |                 |          |          |          |          |          | 一        |          |
|  | 22       |              |                 |          | _                 | <u> </u> |                 |                 | _        |      |  | 72       | _         |          | _        | $\sqcup$   |          | _ _      | Ш               |       |       | 122        |          |                 |          |          |          |          |          |          |          |
|  | 23       |              | $\dashv$        | $\perp$  | $\bot$            |          | Щ               |                 | _        |      |  | 73       |           |          | 1        | $\sqcup$   |          |          | Ш               |       |       | 123        |          | Щ               |          |          | _        |          |          | _        | _        |
| -  | 24       |              |                 | +        | +                 | ╀        |                 | $\vdash \vdash$ |          |      |  | 74.      | -         |          | _        | $\vdash$   | $\dashv$ | - -      | Ш               |       |       | 124        |          | Ш               |          |          |          |          |          | _        | ᆜ        |
| -  | 25<br>26 | <u> </u>     |                 | +        |                   | ╀        | $\vdash$        | $\vdash$        |          |      | $\vdash$   | 75<br>76 |           | -        | +        | H  | -        |          | Н               |       |       | 125        | _        | $\vdash$        |          |          |          |          | _        | _        | 4        |
|  | 27       | -            |                 | -        |                   | $\vdash$ | $\vdash$        | H               | ⊣        |      |  | 76<br>77 |           |          | +        | $\vdash$   | +        |          | H               |       |       | 126<br>127 | _        | $\vdash$        | -        | -        | -        |          | -        | -        | -        |
| -  | 28       |              | $\dashv$        | +        | +                 | $\vdash$ | $\vdash$        | $\vdash$        |          |      | $\vdash$   | 78       | -+        | +        | +        | $\vdash$   | +        | ╅        | Н               |       |       | 128        |          | $\vdash$        | -        | $\vdash$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 29       |              | П               | $\top$   | +                 |          | Н               |                 | $\dashv$ |      |  | 79       |           | $\dashv$ | +        | $\vdash$   | +        | +        | H               |       |       | 129        |          | $\vdash$        |          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 30       |              |                 | 7        | Ť                 |          |                 |                 | $\neg$   |      |  | 80       | $\dashv$  | 1        |          |  | $\top$   | 1        | H               |       |       | 130        | Н        | $\vdash$        |          |          | _        | -        | $\dashv$ | +        | $\dashv$ |
|  | 31       |              |                 |          |                   |          |                 |                 |          |      |  | 81       | $\dashv$  | $\top$   |          | $\Box$   |          | 1        | П               |       |       | 131        |          |                 |          |          | 7        |          | 7        | 7        | $\dashv$ |
|  | 32       |              |                 |          |                   |          |                 |                 |          |      |  | 82       |           |          |          |  |          |          |                 |       |       | 132        |          |                 |          |          |          |          |          | $\neg$   | $\neg$   |
|  | 33       |              |                 | _        |                   | <u> </u> |                 |                 |          |      |  | 83       |           |          |          |  |          |          | $\Box$          |       |       | 133        |          |                 |          |          |          |          |          |          |          |
| <u> </u>   | 34       |              |                 | $\perp$  | _                 | <u> </u> | Щ               | Ш               | _        |      |  | 84       | _         |          | -        | Ш  |          |          | Ш               |       |       | 134        |          | $\Box$          |          |          |          | ]        | $\Box$   | $\Box$   |          |
|  | 35       | $\vdash$     |                 | +        |                   | -        |                 | $\sqcup$        | _        |      |  | 85       | 4         | 4        | +-       | $\vdash \downarrow$                              | _        | _        | Щ               |       |       | 135        |          | Щ               | _        |          |          |          |          | _        | _        |
| <u> </u>   | 36<br>37 |              |                 | +        | +                 | $\vdash$ | $\vdash$        | $\vdash \vdash$ | -        |      |  | 86       | +         | +        | +        | $\vdash \vdash$                                  | _        | +-       | Н               |       |       | 136        | _        | $\vdash \vdash$ | _        |          |          | _        | _        | _        | $\dashv$ |
|  | 38       |              | -               | $\dashv$ | $\dashv$          | $\vdash$ |                 | $\vdash$        | $\dashv$ |      |  | 87<br>88 | $\dashv$  | +-       | +-       | $\vdash$   | +        | +        | Н               |       |       | 137        |          | $\vdash \vdash$ | _        |          | -        |          | $\dashv$ |          | $\dashv$ |
| -  | 39       | $\vdash$     |                 |          | +                 | Н        | $\vdash$        | $\vdash$        | $\dashv$ |      |  | 89       | $\dashv$  | +        | +        | $\vdash$   | +        | +        | $\vdash \vdash$ |       |       | 138<br>139 | <u> </u> |                 | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | -        | -        |
| <del>                                     </del> | 40       |              | -               | +        | +                 | Н        | $\vdash$        | $\vdash \vdash$ | ᅱ        |      |  | 90       | +         | +        | +        | $\vdash$   | +        | +        | $\vdash$        | ::::  |       | 140        | -        | $\vdash$        | $\dashv$ |          | $\dashv$ |          | $\dashv$ |          | $\dashv$ |
|  | 41       | H            | _               | +        | +                 | $\sqcap$ | -               | $\vdash$        | $\dashv$ |      | +  | 91       | $\dashv$  | +        | +        | $\vdash \vdash$                                  | +        | +        | H               |       |       | 141        | -        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ |
|  | 42       |              |                 | $\dashv$ | $\top$            | П        | П               |                 | $\dashv$ |      | 1  | 92       | $\dashv$  | +        | 1        | $\vdash$   | $\dashv$ | +        | H               | iii l |       | 142        | -        | $\vdash$        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 43       |              |                 |          |                   | П        |                 |                 |          |      |  | 93       |           | $\top$   |          | $\sqcap$   | $\top$   | Ť        | П               |       | _     | 143        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | ᅥ        | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 44       |              | $\Box$          |          | $oldsymbol{\bot}$ |          |                 |                 |          |      |  | 94       |           |          |          |  |          |          |                 |       |       | 144        |          |                 |          |          |          |          |          | $\dashv$ | $\dashv$ |
|  | 45       |              |                 | _        |                   | $\Box$   | Ш               | Ш               | _]       |      |  | 95       | $\Box$    |          |          |  |          |          |                 |       |       | 145        |          |                 |          |          |          |          |          |          |          |
|  | 46       | Ц            | _               | _        | 4                 | L        |                 | Ш               |          |      |  | 96       | $\bot$    |          |          | $\Box$   |          | $\bot$   |                 |       |       | 146        |          | $\square$       | $\Box$   |          |          | $\Box$   |          |          |          |
| $\vdash$   | 47       | $\sqcup$     | 4               | _        | +                 | $\sqcup$ | $\sqcup$        | $\sqcup$        | _        |      |  | 97       | _         | $\bot$   | $\perp$  | $\sqcup$   | _        | 4_       | Ш               |       |       | 147        |          | Ш               | _        | [        |          | [        | $\bot$   | $\Box$   |          |
|  | 48<br>49 |              | -               | $\dashv$ | +-                | $\vdash$ | $\vdash \vdash$ | $\vdash \vdash$ |          |      |  | 98       | $\dashv$  | +        | $\dashv$ | $\vdash \vdash$                                  | 4        | +        | Щ               |       |       | 148        |          |                 | $\dashv$ | _        | _        | _        | _        | [        | _        |
| $\vdash \vdash$                                  | 50       | -            | -+              | +        | +-                | $\vdash$ | -               | $\vdash \vdash$ | -        |      |  | 99       | +         | +        | $\vdash$ | -  | +        | -        | $\vdash \vdash$ | ŀ     |       | 149        |          |                 |          |          | _        | _        | 4        | 4        | 4        |
| لــــا   | 20       |              |                 |          |                   |          |                 | $\Box$          |          | :::: |  | 100      | _         |          |          |  |          |          | ш               | ::::[ |       | 150        |          |                 | - 1      | - 1      |          |          | - 1      | - 1      | - 1      |